

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014071.D
 Acq On : 07 Jun 2023 19:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 02:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	233857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	358482	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	329752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	147037	47.497	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.000%		
35) Dibromofluoromethane	7.722	113	119398	52.409	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.820%		
50) Toluene-d8	10.185	98	451802	51.991	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.980%		
62) 4-Bromofluorobenzene	12.483	95	156455	52.810	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	112990	54.912	ug/l	99
3) Chloromethane	2.113	50	137890	48.385	ug/l	99
4) Vinyl Chloride	2.253	62	138433	52.435	ug/l	97
5) Bromomethane	2.656	94	106406	46.286	ug/l	97
6) Chloroethane	2.796	64	88834	47.016	ug/l	96
7) Trichlorofluoromethane	3.131	101	229802	55.061	ug/l	96
8) Diethyl Ether	3.534	74	72895	44.551	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	116358	54.272	ug/l	98
10) Methyl Iodide	4.094	142	134880	45.647	ug/l	97
11) Tert butyl alcohol	4.991	59	59805	93.999	ug/l	98
12) 1,1-Dichloroethene	3.875	96	114308	50.850	ug/l	95
13) Acrolein	3.735	56	99643	341.996	ug/l	99
14) Allyl chloride	4.485	41	199180	45.656	ug/l	97
15) Acrylonitrile	5.173	53	198767	218.915	ug/l	99
16) Acetone	3.960	43	192038	181.314	ug/l	100
17) Carbon Disulfide	4.204	76	364666	47.973	ug/l	100
18) Methyl Acetate	4.485	43	156422	40.878	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	336533	46.272	ug/l	98
20) Methylene Chloride	4.722	84	139548	48.599	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	128565	50.492	ug/l	96
22) Diisopropyl ether	6.125	45	423116	50.035	ug/l	97
23) Vinyl Acetate	6.070	43	1252131	236.073	ug/l	100
24) 1,1-Dichloroethane	6.027	63	236263	50.055	ug/l	97
25) 2-Butanone	6.996	43	267736	202.911	ug/l	98
26) 2,2-Dichloropropane	6.990	77	210732	49.195	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	146696	50.321	ug/l	99
28) Bromochloromethane	7.338	49	71674	32.153	ug/l	98
29) Tetrahydrofuran	7.356	42	174486	212.653	ug/l	99
30) Chloroform	7.515	83	254267	51.307	ug/l	97
31) Cyclohexane	7.789	56	196042	52.591	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	227474	54.113	ug/l	99
36) 1,1-Dichloropropene	7.923	75	182889	56.348	ug/l	100
37) Ethyl Acetate	7.082	43	123068	43.490	ug/l	99
38) Carbon Tetrachloride	7.905	117	209666	57.647	ug/l	99
39) Methylcyclohexane	9.191	83	208364	60.133	ug/l	98
40) Benzene	8.167	78	538466	53.780	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	48372	36.985	ug/l #	83
42) 1,2-Dichloroethane	8.240	62	184848	50.347	ug/l	99
43) Isopropyl Acetate	8.277	43	218607	45.879	ug/l	99
44) Trichloroethene	8.947	130	140556	53.607	ug/l	99
45) 1,2-Dichloropropane	9.222	63	137340	53.153	ug/l	98
46) Dibromomethane	9.307	93	84065	50.820	ug/l	98
47) Bromodichloromethane	9.502	83	197284	52.943	ug/l	99
48) Methyl methacrylate	9.295	41	104735	48.292	ug/l	99
49) 1,4-Dioxane	9.313	88	22807	948.088	ug/l #	55
51) 4-Methyl-2-Pentanone	10.075	43	628004	233.345	ug/l	99
52) Toluene	10.246	92	335191	54.647	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	202531	50.598	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	223377	52.269	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	112704	51.681	ug/l	98
56) Ethyl methacrylate	10.508	69	157694	50.363	ug/l	98
57) 1,3-Dichloropropane	10.794	76	192390	51.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	292969	195.696	ug/l	100
59) 2-Hexanone	10.831	43	448255	230.017	ug/l	100
60) Dibromochloromethane	10.989	129	144578	52.454	ug/l	99
61) 1,2-Dibromoethane	11.093	107	108148	49.358	ug/l	99
64) Tetrachloroethene	10.721	164	128857	57.040	ug/l	96
65) Chlorobenzene	11.520	112	356524	52.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	140584	53.380	ug/l	99
67) Ethyl Benzene	11.593	91	647191	55.269	ug/l	98
68) m/p-Xylenes	11.703	106	498204	111.381	ug/l	98
69) o-Xylene	12.032	106	236128	55.092	ug/l	99
70) Styrene	12.044	104	403261	54.778	ug/l	99
71) Bromoform	12.209	173	98689	50.828	ug/l #	99
73) Isopropylbenzene	12.331	105	618515	54.382	ug/l	100
74) N-amyl acetate	12.142	43	204194	46.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	139319	46.868	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	95087m	41.006	ug/l	
77) Bromobenzene	12.611	156	153855	50.040	ug/l	99
78) n-propylbenzene	12.672	91	770649	55.286	ug/l	99
79) 2-Chlorotoluene	12.757	91	431464	52.285	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	526945	54.056	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	49583	45.363	ug/l	97
82) 4-Chlorotoluene	12.855	91	452277	52.112	ug/l	100
83) tert-Butylbenzene	13.074	119	441433	54.077	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	523844	53.802	ug/l	100
85) sec-Butylbenzene	13.257	105	661775	55.750	ug/l	100
86) p-Isopropyltoluene	13.373	119	549992	54.890	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	300370	51.442	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	298625	50.559	ug/l	100
89) n-Butylbenzene	13.696	91	522774	55.295	ug/l	99
90) Hexachloroethane	13.965	117	111309	52.930	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	274819	51.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24948	43.514	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	169112	51.142	ug/l	99
94) Hexachlorobutadiene	15.111	225	100213	56.896	ug/l	97
95) Naphthalene	15.239	128	361328	45.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	155636	51.676	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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